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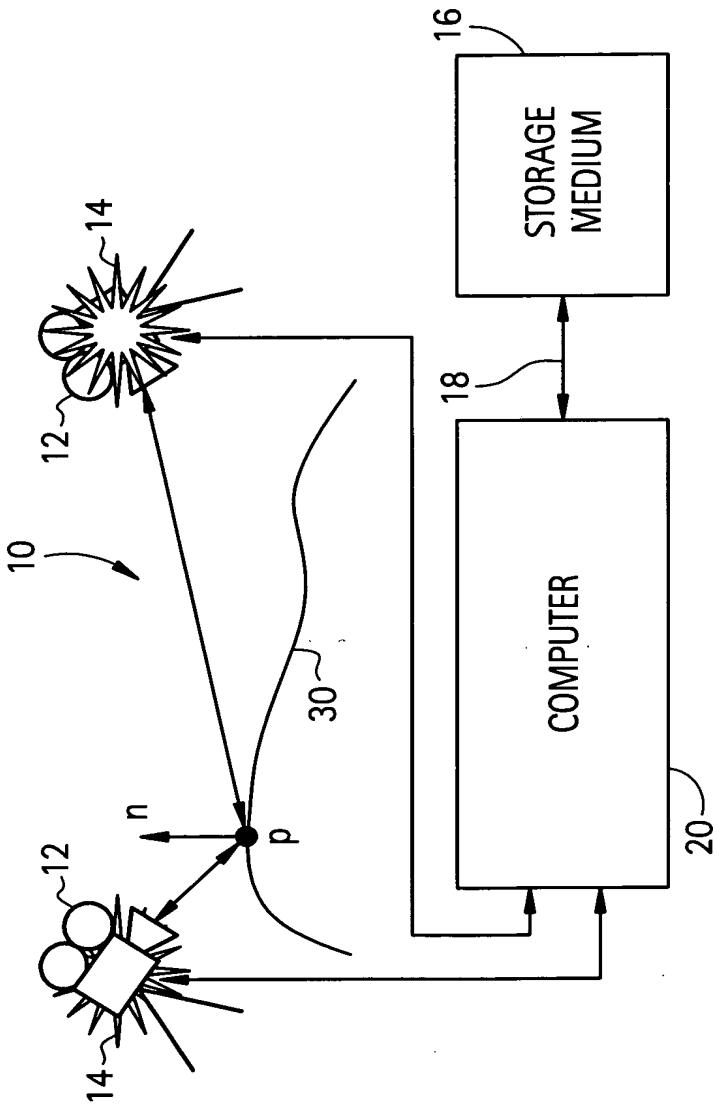
FIG. 1



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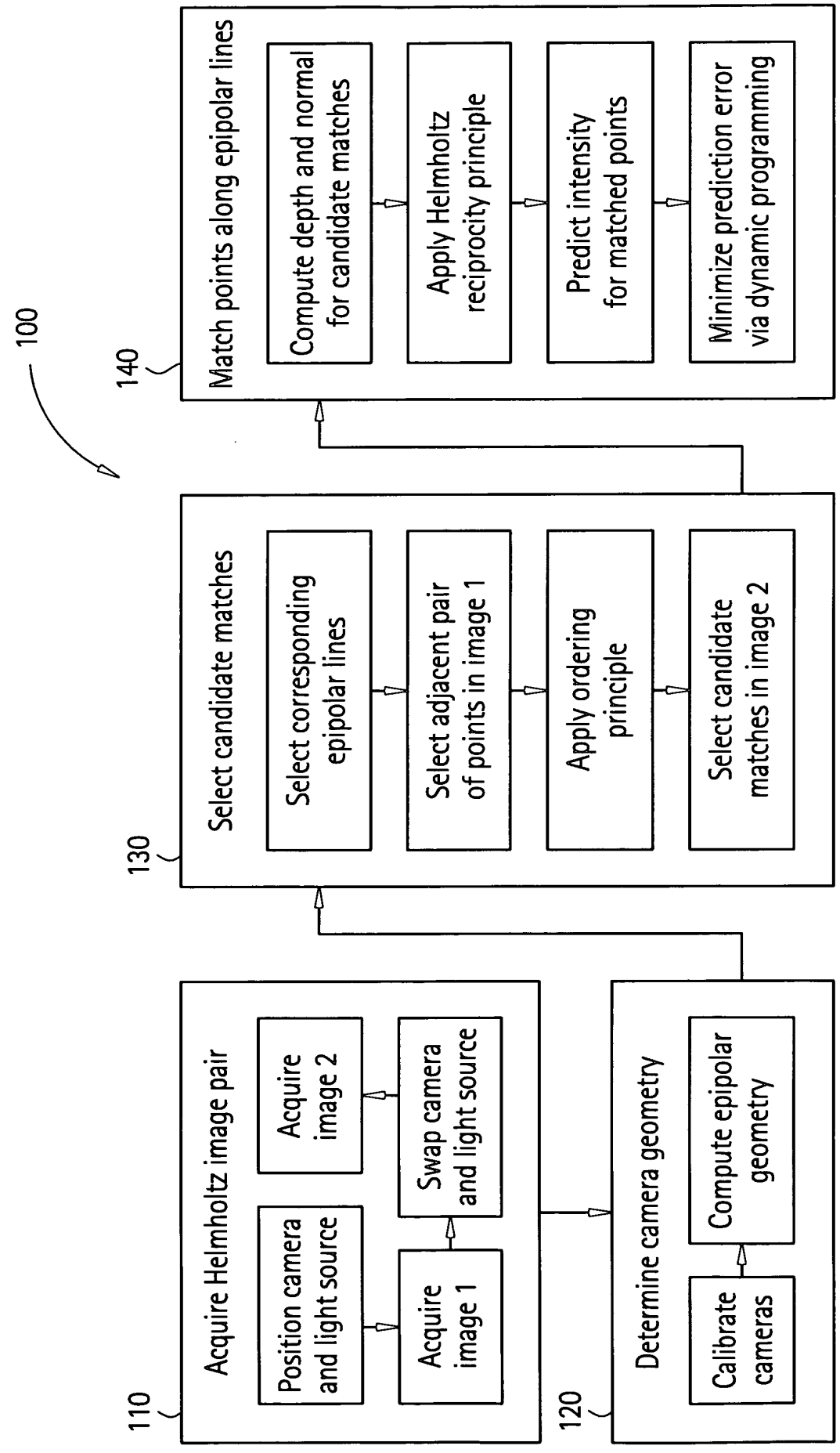

FIG. 2

OIPE JC184
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FIG. 3

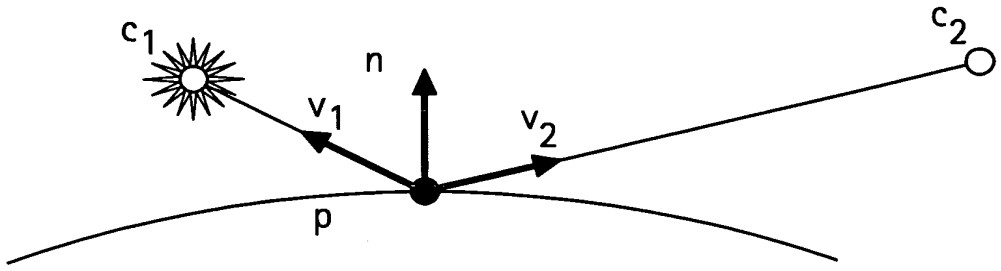

FIG. 4

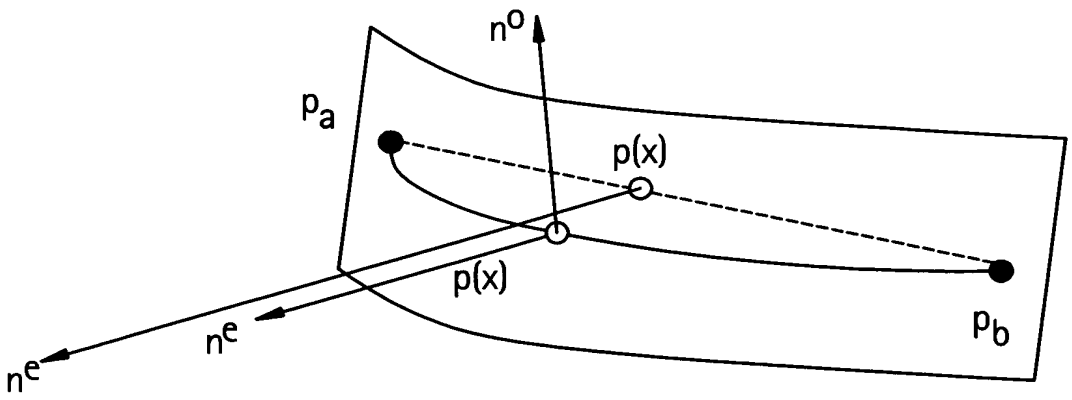

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FIG. 5A

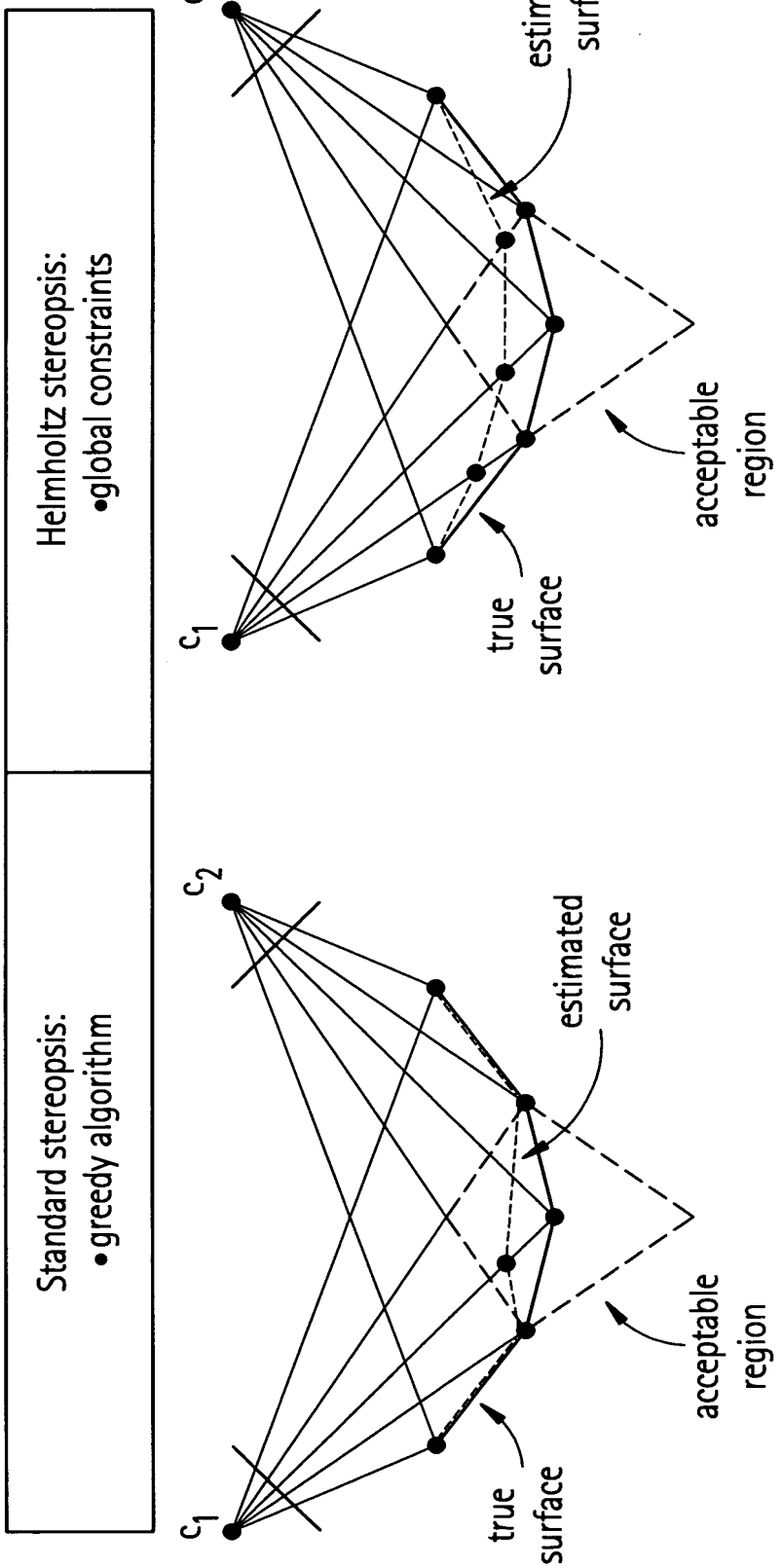

FIG. 5B

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FIG. 6

- Standard stereopsis: occlusions and shadows are independent.

-Helmholtz stereopsis: occlusions and shadows are mapped to each other.

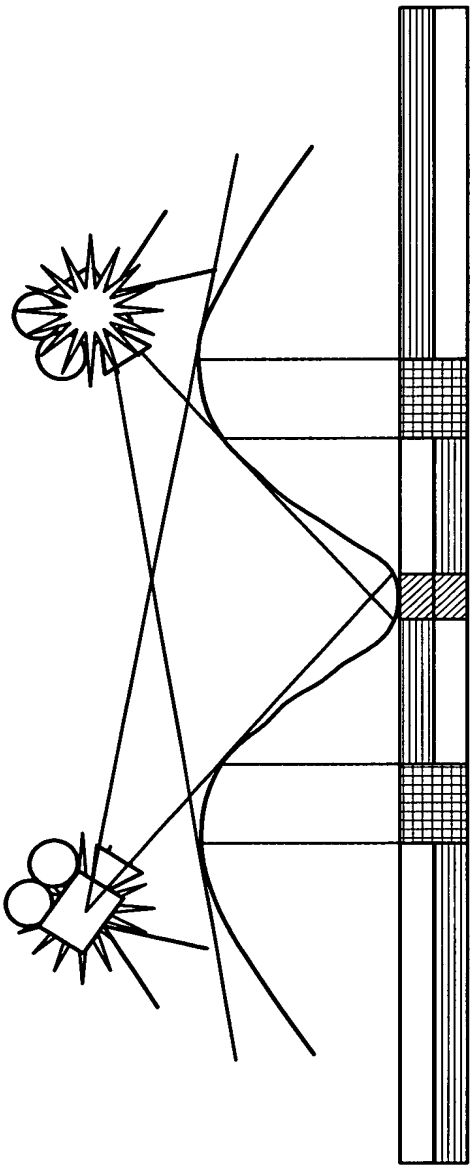

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FIG. 7

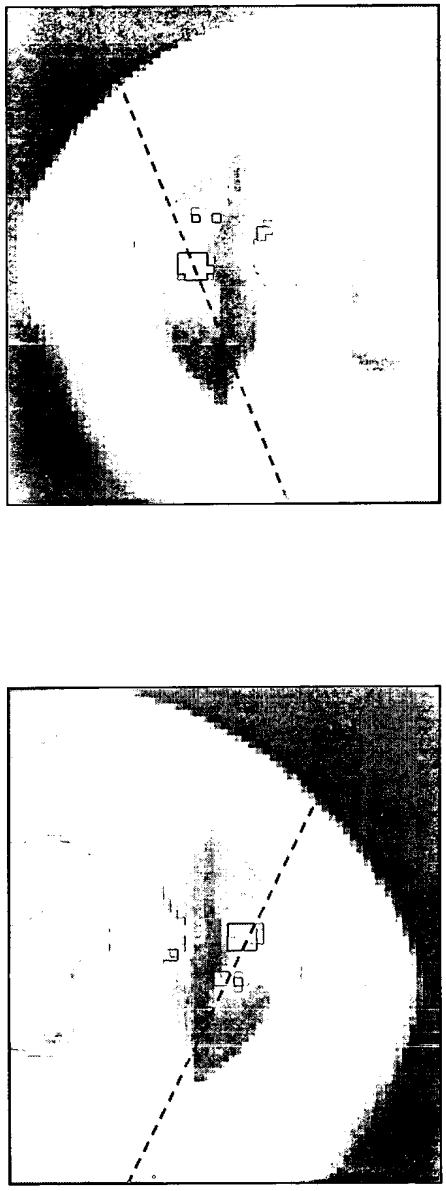

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FIG. 8

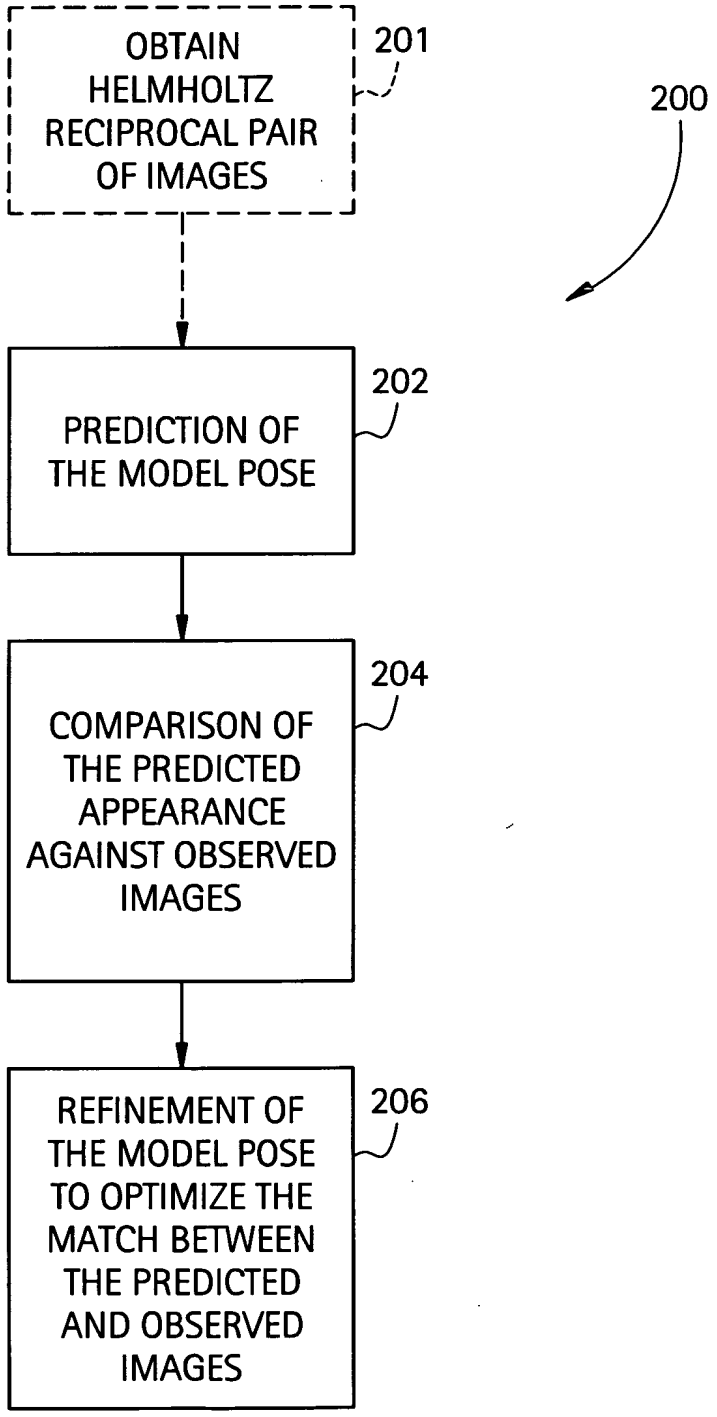
OBTAIN HELMHOLTZ RECIPROCAL PAIR OF IMAGES
201
200
PREDICTION OF THE MODEL POSE
202
COMPARISON OF THE PREDICTED APPEARANCE AGAINST OBSERVED IMAGES
204
REFINEMENT OF THE MODEL POSE TO OPTIMIZE THE MATCH BETWEEN THE PREDICTED AND OBSERVED IMAGES
206

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FIG. 9

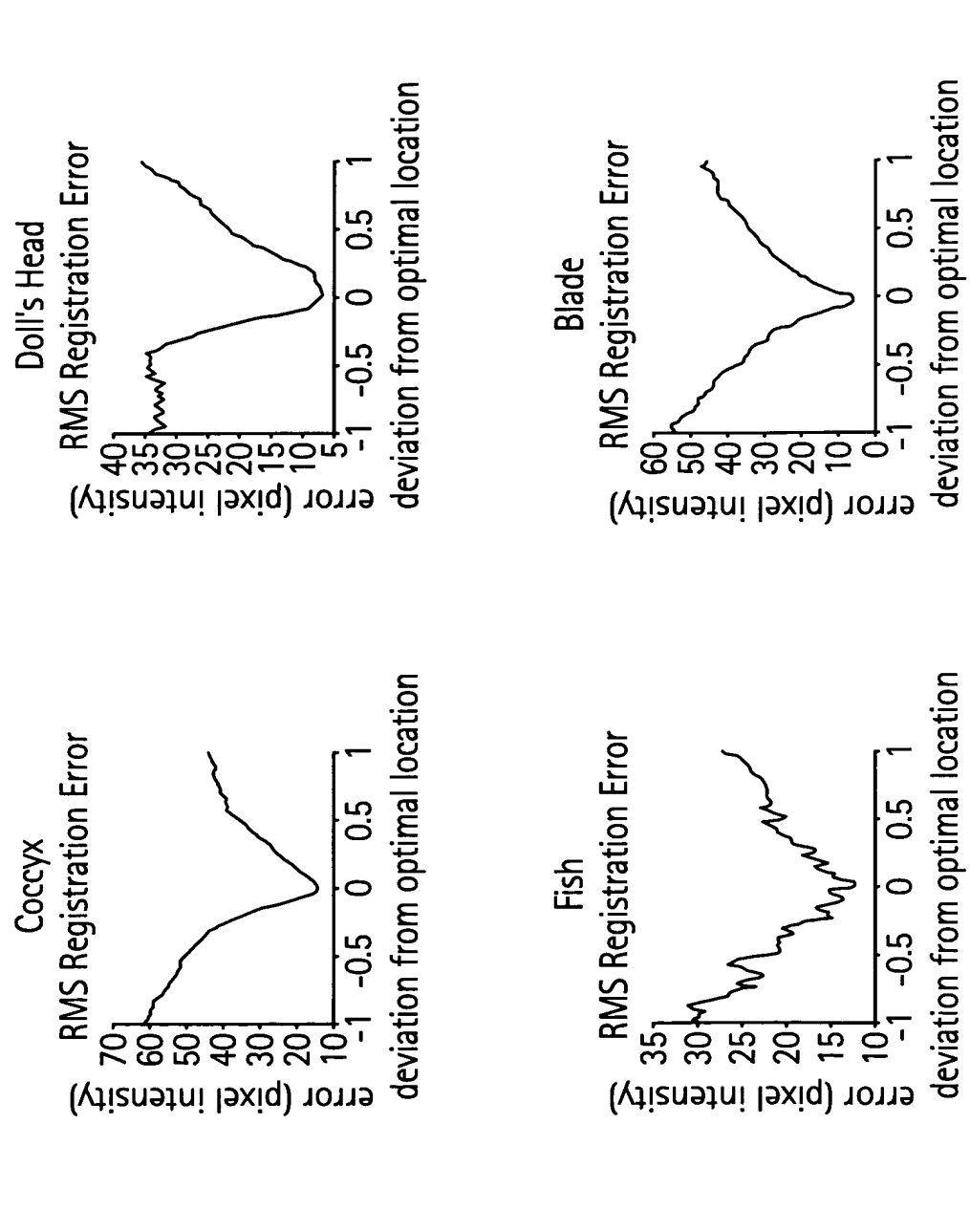

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FIG. 10

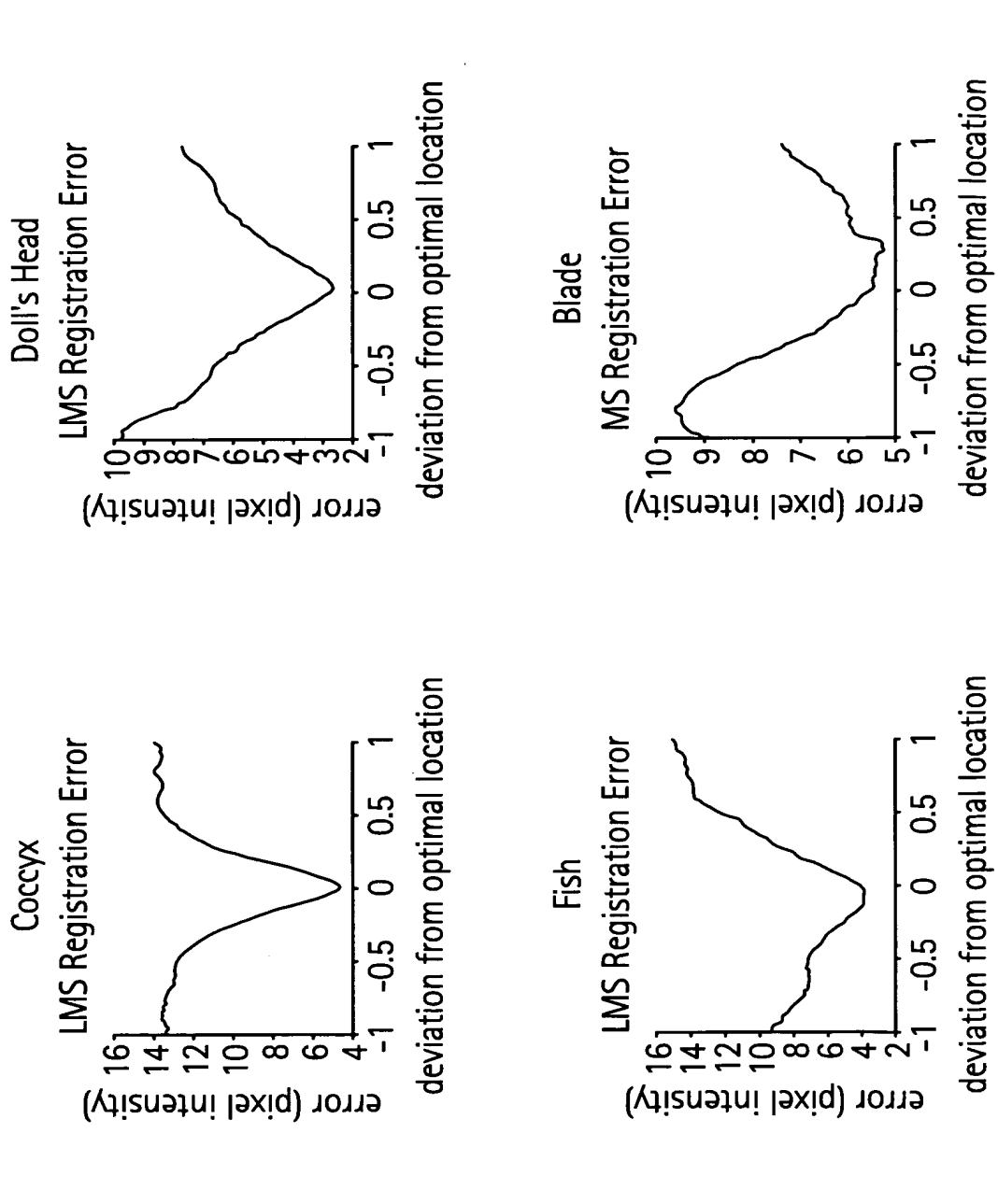

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FIG. 11

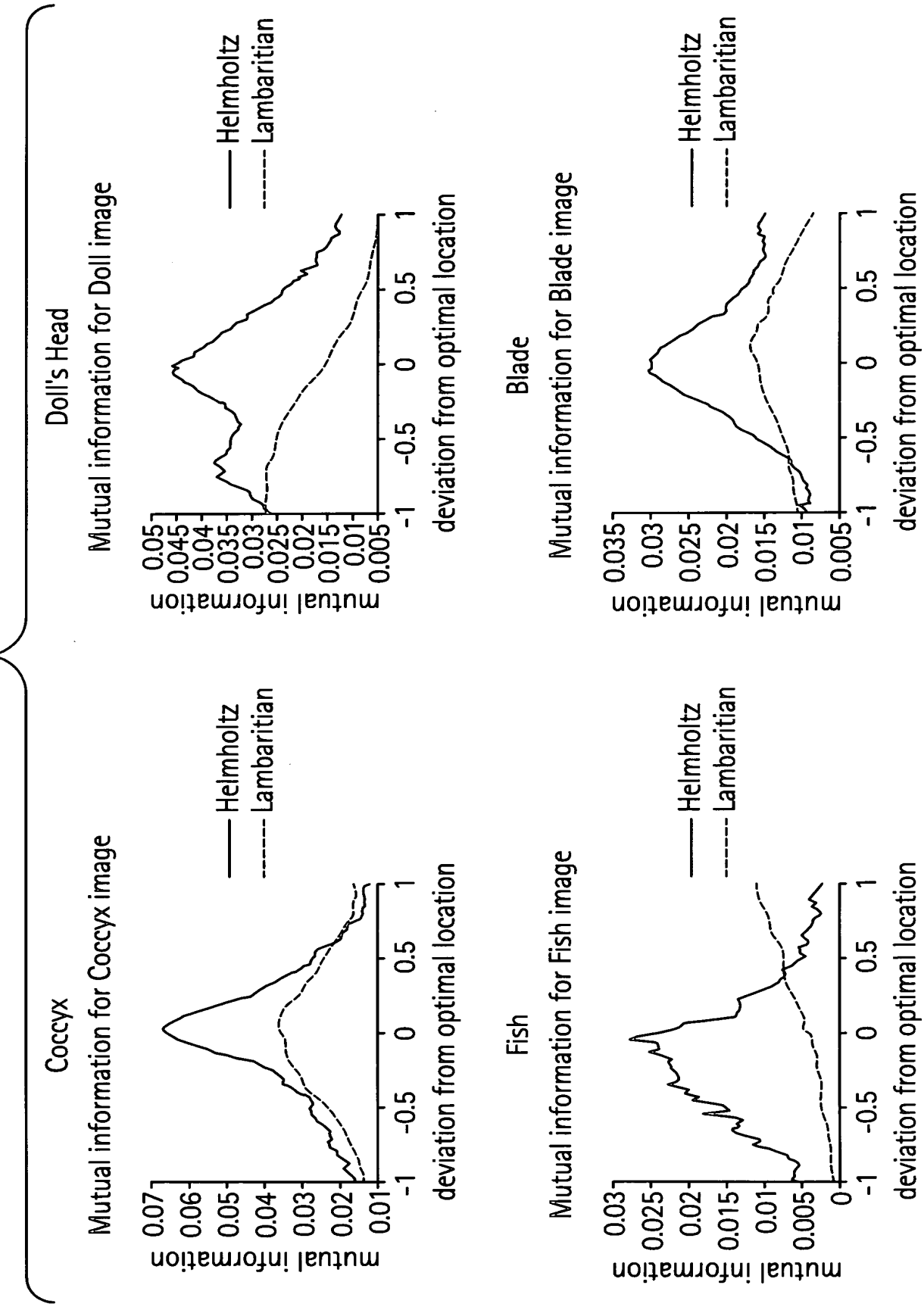

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FIG. 12D

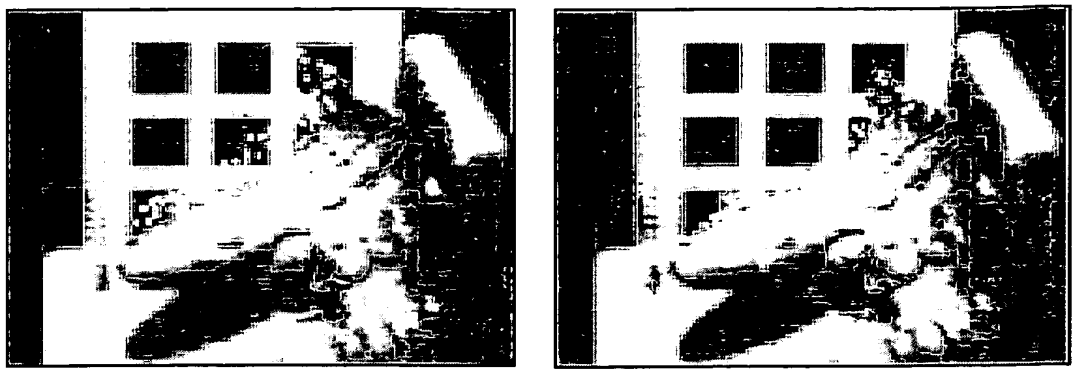

FIG. 12C

FIG. 12B

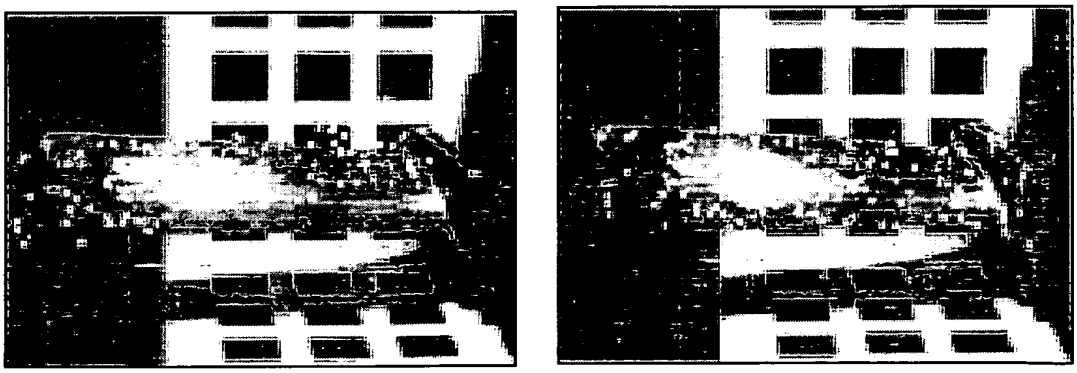
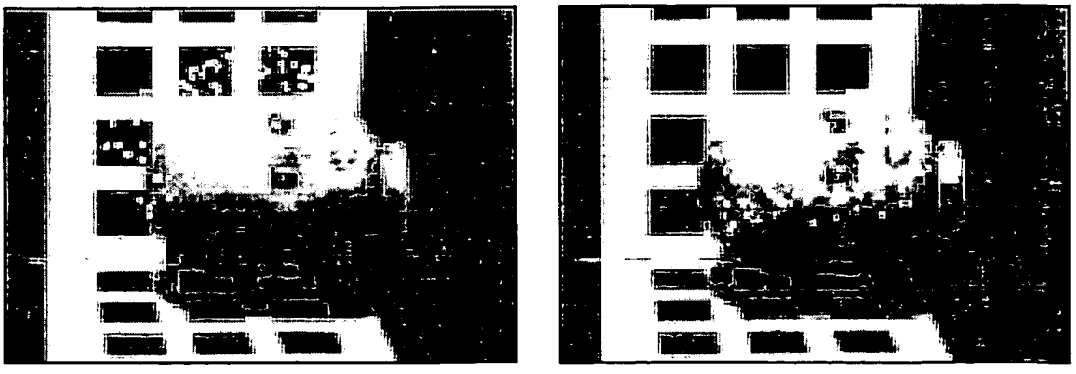
FIG. 12A